

DC031622



**Tidewater, Inc.**

8990 Route 108, Suite D, Columbia, Maryland 21045

(410) 997-4458 Fax: (410) 997-8713

August 17, 2006

Ms. Cathy Figuracion  
General Services Administration, NCR, Service Delivery Support  
Safety, Environment & Fire Protection Branch  
7<sup>th</sup> & D Streets, SW, Room 2080  
Washington, DC 20407



**Re: Asbestos Bulk Sampling of Department of Justice**  
**Order Number: P1106DC0653; ACT Number: PJ6NA3118; Job Number: 06-487**

Dear Ms. Figuracion:

Tidewater, Inc. (Tidewater) was contracted by General Services Administration (GSA) to perform sampling and analysis of suspect asbestos containing material (ACM) from the Department of Justice facility, 999 E Street, Washington, DC. The samples were collected on August 10, 2006 under the instructions of GSA personnel.

Tidewater's industrial hygienist Mr. Kevin Rodgers collected a total of six (6) suspect ACM samples of 12" x 12" floor tile and associated mastic from room G-300 which is scheduled for renovation. The samples were analyzed by EMSL Analytical, Inc. using Polarized Light Microscopy (PLM) techniques in accordance to EPA 600/R-93/116 Method. A summary of the collected samples, their locations and laboratory results are included in the appendices.

According to EPA regulations, any material containing asbestos in quantities greater than 1% is considered an asbestos containing material (ACM). The results of the analysis confirm that the white/beige floor tile and associated mastic are ACM. Asbestos was not detected in the other floor tile and mastic samples.

Tidewater is pleased to have performed this analysis. If you have any questions please call us at (410) 997-4458.

Sincerely,

**TIDEWATER, INC.**

(b) (6)

Donna Weeks  
Certified Industrial Hygienist

**APPENDIX A**  
**BULK SAMPLE RESULTS SUMMARY**

**TABLE 1: ASBESTOS BULK SAMPLING RESULTS**  
DOJ Facility

Sample Number	Material/Location	Appearance	Results
B-1	Room G-300 Front Area (tile)	White/Beige, Fibrous Heterogeneous	<b>5% Chrysotile</b>
B-2	Room G-300 Front Area (black mastic)	Brown/Black, Fibrous Heterogeneous	<b>7% Chrysotile</b>
B-3	Room G-300 Rear Area (tile)	Gray/White, Fibrous Heterogeneous	None Detected
B-4	Room G-300 Rear Area (brown mastic)	Yellow/Brown, Fibrous Heterogeneous	None Detected
B-5	Room G-300 Center Area (tile)	Gray/Beige, Fibrous Heterogeneous	None Detected
B-6	Room G-300 Center Area (brown mastic)	Brown/Yellow, Fibrous Heterogeneous	None Detected

**APPENDIX B**  
**LABORATORY ANALYTICAL DATA SHEETS**

**EMSL Analytical, Inc.**

10768 Baltimore Avenue, Beltsville, MD 20705

Phone: (301) 937-6700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Kevin Rodgers**  
**Tidewater Inc.**  
**8990 Route 108**  
**Columbia, MD 21045**

Fax: (410) 997-8713  
 Project: DOH/600 Bldg. 06-463

Phone: (410) 997-4458

Customer ID: TIDE50  
 Customer PO:  
 Received: 08/10/06 8:30 AM  
 EMSL Order: 190607112

EMSL Proj:  
 Analysis Date: 8/10/2006  
 Report Date: 8/10/2006

### Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos	
			% Fibrous	% Non-Fibrous	% Type	
B-1 190607112-0001	Rm G-300 Front Area	White/Beige Fibrous Heterogeneous tile	5% Cellulose	25% Ca Carbonate 65% Non-fibrous (other)	5% Chrysotile	
B-2 190607112-0002	Rm G-300 Front Area	Brown/Black Fibrous Heterogeneous blk mastic	5% Cellulose	88% Non-fibrous (other)	7% Chrysotile	
B-3 190607112-0003	Rm G-300 Rear Area	Gray/White Fibrous Heterogeneous tile	5% Cellulose	40% Ca Carbonate 55% Non-fibrous (other)	None Detected	
B-4 190607112-0004	Rm G-300 Rear Area	Yellow/Brown Fibrous Heterogeneous brown mastic	<1% Cellulose 2% Synthetic	98% Non-fibrous (other)	None Detected	
B-5 190607112-0005	Rm G-300 Center Area	Gray/Beige Fibrous Heterogeneous tile leveling	7% Cellulose <1% Synthetic	68% Ca Carbonate 25% Non-fibrous (other)	None Detected	
B-6 190607112-0006	Rm G-300 Center Area	Brown/Yellow Fibrous Heterogeneous brown mastic	2% Cellulose 5% Synthetic	93% Non-fibrous (other)	None Detected	

Analyst(s)

George Malone (6)

(b) (6)

Joe Centifanti  
 or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. This above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAP unless otherwise noted. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Beltsville (NVLAP #2D0283-0)





ANALYTICAL

 190607112  
 CHAIN OF CUSTODY

ASBESTOS

EMSL Representative:	(b) (6)		EMSL-Bill to:	SAME	
Your Company Name:	Tidewater, Inc.		Street:		
Street:	8950 Route 108		Box #:		
Box #:	Suite 100		City/State:		
City/State:	Columbia, MD	Zip:	21045		
Verbal Results to:	Prasad		Fax Results to:		
Telephone #:	410-997-4458		Fax #:	410-997-8713	
Project Name/Number:	DOI/600 Bldg. 06-463		Purchase Order #		

## MATRIX

- ☐ Air ☐ Floor Tile ☐ Soil ☐ Wipe  
☒ Bulk ☐ Drinking Water ☐ Dust ☐ Wastewater

## TURNAROUND TIME

- ☐ 6 Hours ☐ 3 Hour\*\* ☒ 24 Hours ☐ 48 Hours  
☐ 3 Days ☐ 5 Days ☐ 6-10 Days ☐ Same Day\*\*\*  
 \*\*Must call Lab for approval  
 \*\*\*10:00AM delivery results by Mid-night or earlier

## PCM

- ☐ NIOSH 7400  
☐ OSHA  
☐ Other:

## PLM BULK (regular bulk)

- ☒ EPA 600  
☐ NOB  
☐ Point Count  
☐ Other:

## TEM BULK

- ☐ Drop Mount (Qualitative)  
☐ Chatfield  
☐ Chatfield / SEM QC  
☐ Conventional (Quantitative)  
☐ EMSL Method  
☐ NOB  
☐ NOB / SEM QC  
☐ Micro Vac - Quantitative  
☐ Micro Vac - Qualitative

## TEM WATER

- ☐ Wastewater  
☐ Drinking Water EPA 100.1  
☐ Water - NY Wastewater  
☐ Water-NY Drinking Water

## TEM AIR

- ☐ AHERA  
☐ NIOSH 7402  
☐ Level I  
☐ Level II

## SEM

- ☐ Qualitative  
☐ Quantitative

## TEM WIPE

- ☐ Quantitative  
☐ Qualitative

## XRD

- ☐ Asbestos  
☐ Silica

## OTHER

- ☐ COMMENTS

Walk-In

Client Sample # (s)

Relinquished:

Received:

Received:

(b) (6)

0

Total Samples:

6

Date: 8-10-06

Time:

Date: 8/10/06

Time:

8:30

Date:

Time:

SAMPLE DATE

SAMPLE NUMBER

LOCATION

VOLUME (If Applicable)

8-10-06

B-1

Room G-300 Front Area

12x12 FT

B-2

1 1

Black Mastic

B-3

Rear Area

12x12 FT

B-4

1 1

Brown Mastic

B-5

Center Area

12x12 FT

B-6

1 1

Brown Mastic

**APPENDIX C**  
**ASBESTOS ASSESSMENT DATA FORMS**

# ASBESTOS ASSESSMENT DATA FORM

BLDG NAME: Dept. of Justice  
 ADDRESS: 999 E. Street, Wash. DC  
 GSA BLDG NO.: \_\_\_\_\_

ASSESSMENT DATE: 8/10/06

AMOUNT(S.F./L.F.) \_\_\_\_\_

Location In Bldg: Room 300  
 (include Functional Space)

HOMOGENEOUS AREA: Floor - Room 300

Type of Material  
☐ Fireproofing  
☐ Acoustical Plaster  
☐ Acoustical Tile  
☐ Thermal Systems Insulation  
☒ Vinyl Floor Tile  
☐ Other: \_\_\_\_\_

Damage  
☐ Significant  
☒ Minor  
☐ None

Accessibility  
☐ High  
☒ Medium  
☐ Low

Air Plenum  
 (Y or N) \_\_\_\_\_

Friability  
☐ High  
☐ Medium  
☒ Low

Traffic  
☐ High  
☒ Medium  
☐ Low

Vibration  
☐ High  
☒ Medium  
☐ Low

Potential for Air Erosion  
☐ High  
☐ Moderate  
☒ Low

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

AHERA Classification (see instructions): \_\_\_\_\_

Sample Number (Include percent and type of asbestos in result, e.g. 50% Chrysotile).	Sample location	Result
B-1	Room 300 Front Area	5% Chrysotile

NOTE: Use one form per homogeneous area. Consult 40 CFR Part 763 for sampling and analytical protocols and definitions.



# ASBESTOS ASSESSMENT DATA FORM

BLDG NAME: Dept. of Justice  
 ADDRESS: 999 E. Street, Wash. DC  
 GSA BLDG NO.: \_\_\_\_\_

ASSESSMENT DATE: 8/10/06

AMOUNT(S.F./L.F.) \_\_\_\_\_

Location In Bldg: Room 300

(Include Functional Space)

HOMOGENEOUS AREA: Floor Room 300

## Type of Material

☐ Fireproofing  
☐ Acoustical Plaster  
☐ Acoustical Tile  
☐ Thermal Systems Insulation  
☐ Vinyl Floor Tile  
☒ Other: mastic

## Damage

☐ Significant  
☒ Minor  
☐ None

## Accessibility

☐ High  
☒ Medium  
☐ Low

Air Plenum  
 (Y or N) \_\_\_\_\_

## Frability

☐ High  
☐ Medium  
☒ Low

## Traffic

☐ High  
☒ Medium  
☐ Low

## Vibration

☐ High  
☒ Medium  
☐ Low

## Potential for Air Erosion

☐ High  
☐ Moderate  
☒ Low

Comments: \_\_\_\_\_

AHERA Classification (see instructions): \_\_\_\_\_

## Sample Number

(Include percent and type of asbestos in result, e.g. 50% Chrysotile).

## Sample location

## Result

B-2 Room 300 Rmt Area 7% Chrysotile

NOTE: Use one form per homogeneous area. Consult 40 CFR Part 763 for sampling and analytical protocols and definitions.